MODELING AND SIMULATION RESOURCE REPOSITORY

Direction

"Provide a repository system to facilitate developer and end-user access to M&S resources."

DoD Modeling and Simulation Master Plan, subobjective 5-3

"Improve M&S information flow, reduce duplication, and foster re-use of software."

Air Force Modeling and Simulation Master Plan, Objective 6

The MSRR Mission

- Facilitate sharing and reuse by:
  - providing a service whereby resources of interest to the DoD M&S community may be cataloged by their owners, and discovered by other potential users
  - providing a convenient way for DoD users to search classified and unclassified networks for resources
  - provide a way for users to contribute to the resource pool

A resource is only reusable if it can be discovered by a potential user

Role of MSRR

- Used by simulation system developers, policy makers, etc.
- Provides systematic and consistent basis for addressing discovery of available resources
- Facilitates reuse through widest possible discovery/visibility of resources
- Furnishes framework for making policy decisions (e.g., visibility of duplicative resources)

AFMSRR Approach

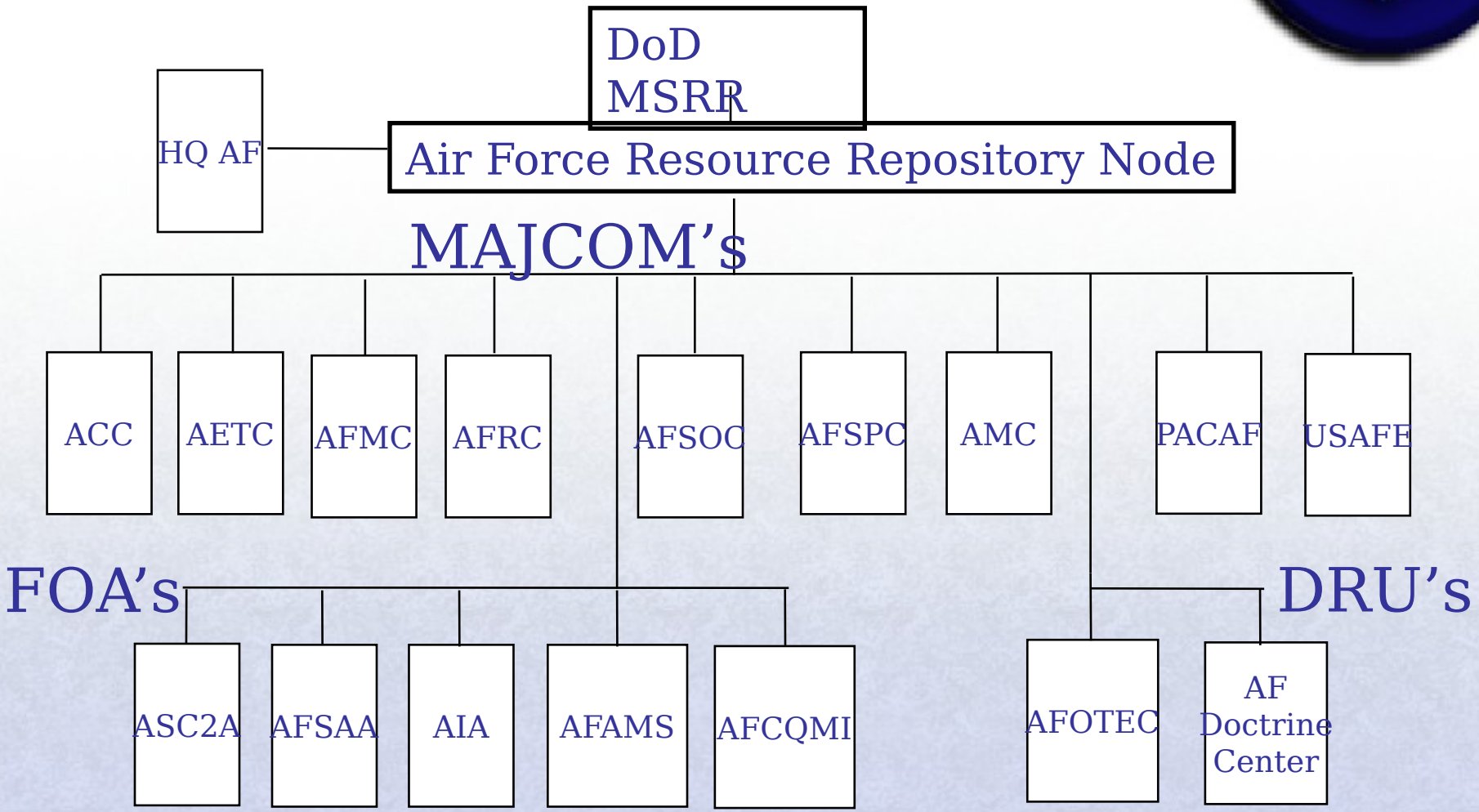
AFMSRR provides for decentralized control

- Distributed Registration of Resources
- Actual Resource and Metadata maintained by the Resource Owners
- Follows the policy and guidelines of each MAJCOM/FOA/DRU

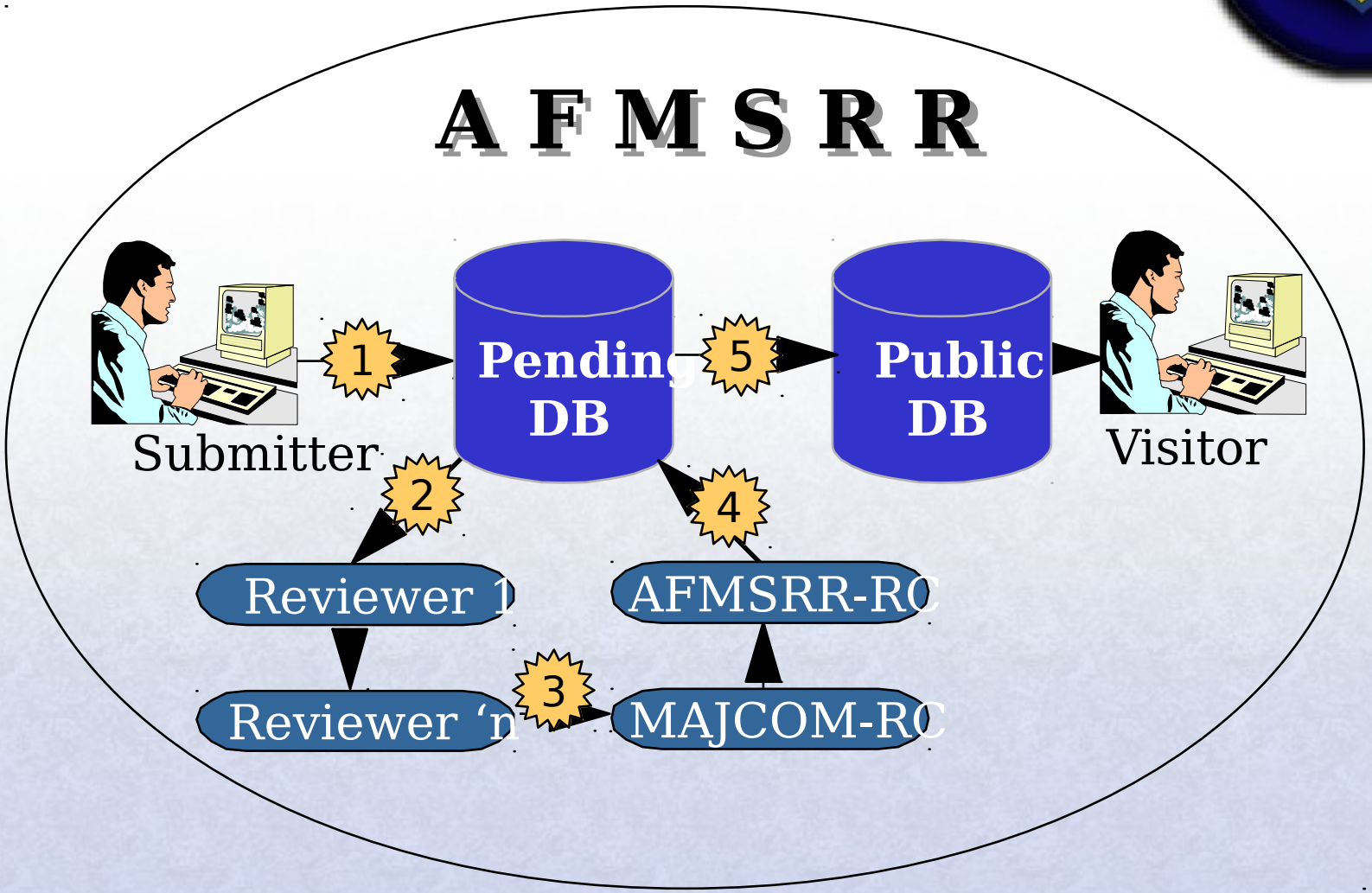
. . . with centralized data

- Metadata stored in the “Virtual Card Catalog”
- Accessible over the Internet/SIPRNET

Air Force Node



Registration Process



Status

- Established POC's (Resource Coordinators) from MAJCOM's, FOA's, and DRU's
  - AFMC (SMC, ESC, ASC, AFRL), AFSPC, AETC, ACC, AMC, AIA, AFSAA, AFCQMI, AFOTEC
- Registration of resources continuing
- New version adds enhanced searching and improved administration

What's Next

- Additional improvements
- Continued population of AF M&S resources
- Classified AFMSRR

http://afmsrr.afams.af.mil

Air Force Modeling and Simulation Resource Repository - Microsoft Internet Explorer
File Edit View Go Favorites Help
Air Force MSRR
Version 4.5.2H
What's New
Browse
Search
• Standard
• External
Register
MSRR Nodes
• DMSO MSRR
• Army MSRR
• Navy M&S Catalog
• BMDO
• EMAC
• MEL
Assistance
Admin
Navigation
Anytime, Any Place, On Demand.
Updated 10/29/98
Air Force MSRR
Air Force Modeling and Simulation Resource Repository
The Air Force Agency for Modeling and Simulation (AFAMS) has the responsibility to implement this Air Force Modeling and Simulation Resource Repository (AFMSRR)as directed by Headquarters Air Force, Director for Command and Control (HQ AF/ XOC), serving as the official Air Force node of the DMSO MSRR.
USAF XOC
AFAMS
Golden Legacy, Boundless Future
The goal is to provide a single source for information about and access to DoD models, simulations, datasources, algorithms, and other M&S resources in order to facilitate reuse and avoid duplication. Air Force organizations that have existing models, simulations, datasources, algorithms, and other M&S resources are encouraged to register with the AFMSRR using the submission choices on the navigation bar. Maintenance of items within the AFMSRR is the responsibility of the information provider.
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